

March 18, 2016

**CERTIFIED MAIL: 7013 2250 0001 0126 6077**  
**Return Receipt Requested**

U.S. Environmental Protection Agency Region 7  
Attn: Chief, RCRA Corrective Action and Permits Branch  
AWMD/WRAP/KNRP  
11201 Renner Blvd  
Lenexa, Kansas 66219

RCRA

**RE: NOTIFICATION OF PLANT CHANGES; OCCIDENTAL CHEMICALS CORPORATION,  
WICHITA PLANT; USEPA ID# KSD007482029**

Dear Sir:

Enclosed please find this notification of a plant change, as required by Occidental Chemical Corporation's RCRA hazardous waste permit number KSD007482029 per *Section 1, I.E.10. Reporting Planned Changes*. The Wichita facility is planning a project that consists of moving tanks from one part of the facility to another area to assist with a major tank clean-out and mechanical failures with equipment.

Currently, there is a non-hazardous 1.2 million gallon waste water tank (TK437) that is utilized as a settling tank for solids from the inorganic process area at the facility prior to deep well disposal. The intent is to clean the tank during the 2<sup>nd</sup> quarter of 2016. In order, to complete this project, either nine temporary Baker tanks will be rented or three permanent tanks which will be available for future use need to be installed to accept the waste water flow from the inorganic process area. Three tanks located at the idle calcium chloride plant within the facility are feasible options for the permanent tanks. The tanks have been thoroughly cleaned and inspected by our Maintenance Integrity group, to assure they are appropriate for this service.

A concrete foundation 16' X 50' X 8" will be installed to sustain the three tanks. (Attachment 1) Each tank is constructed of fiberglass with an external paint coating, they are 12' X 25' with a 21,000 gallon capacity. The specific drawing and manufacturing specs of the tanks which are identical are attached as (Attachment 2). These tanks will remain the receptacles for the inorganic process water flow during maintenance activities or used in lieu of TK437 when it needs to be taken out of service for cleaning. A plant map is attached to reflect the suggested location for the permanent tanks. (Attachment 3)

If you have any questions, please call Lisa R. Thurman at 316/529-7204.

RECEIVED

MAR 21 2016

AWMD/RCAP

Sincerely,



Lisa R. Thurman  
Environmental Engineer

c.c.: Mostafa Kamal; KDHE  
Brad Roberts, USEPA Region VII  
David Anderson; GSHI  
Charles Janson; GHD

**CERTIFIED MAIL: 7013 2250 0001 0126 6084**

**CERTIFIED MAIL: 7013 2250 0001 0126 6091**

L1603029



Occidental Chemical Corporation

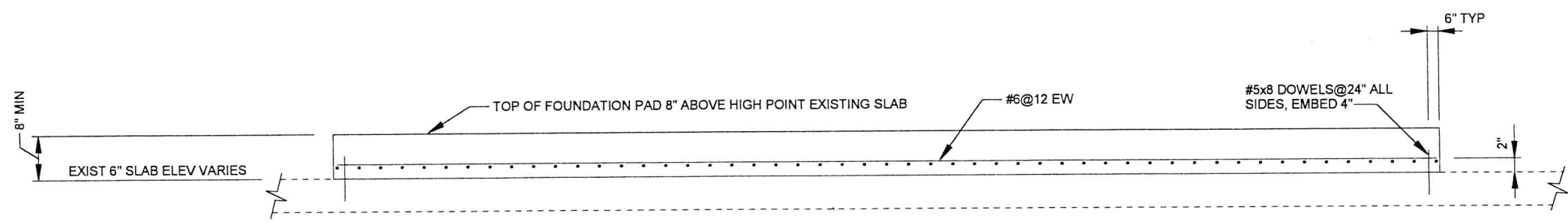
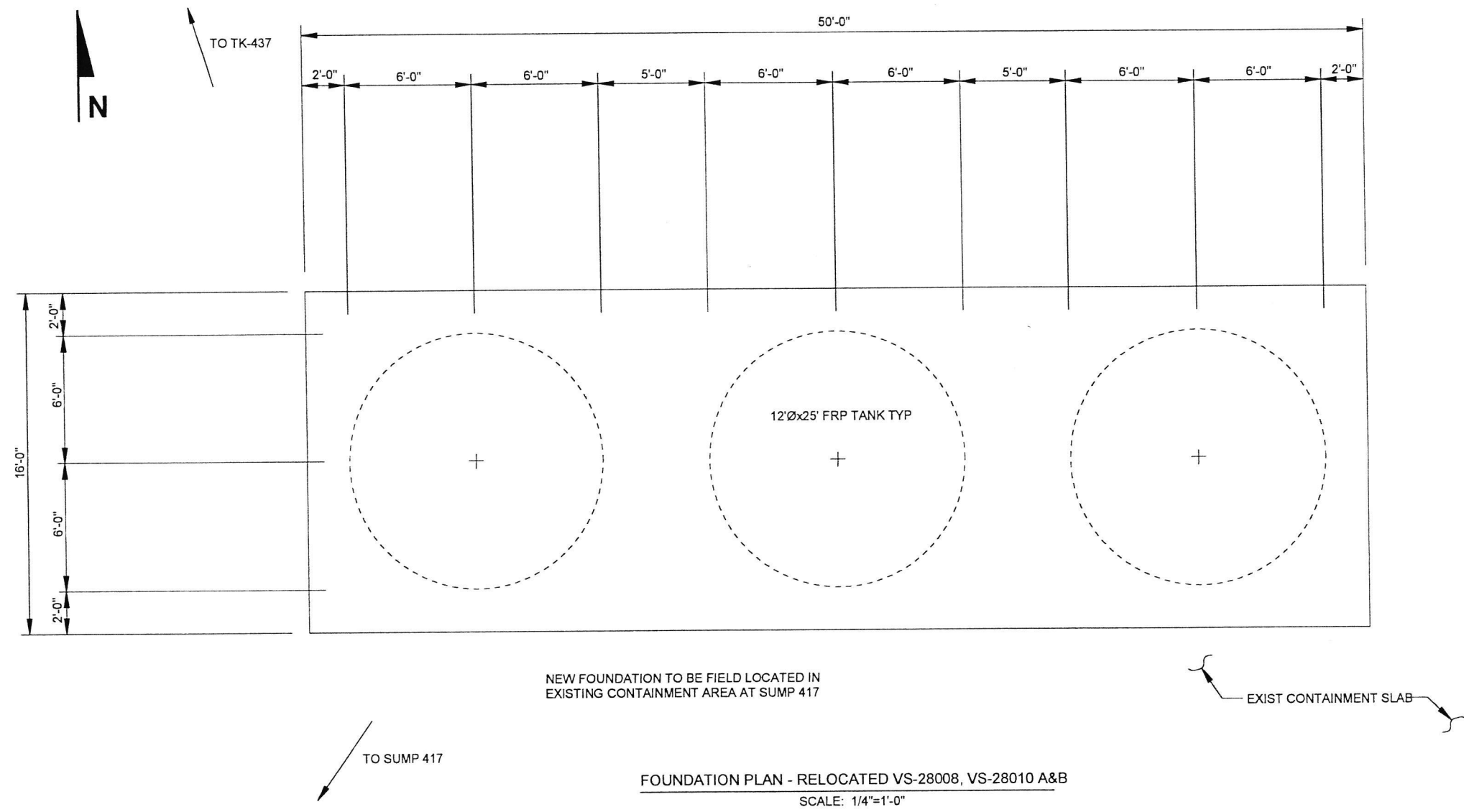


## Attachment 1



**Occidental Chemical Corporation**

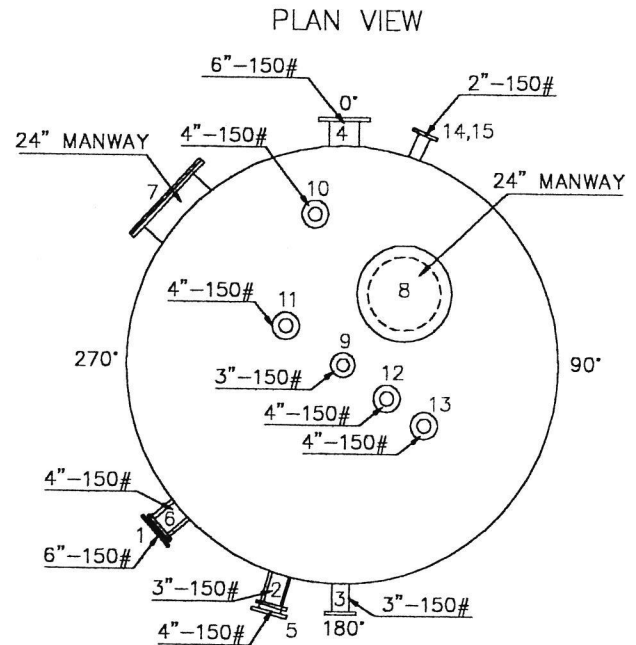
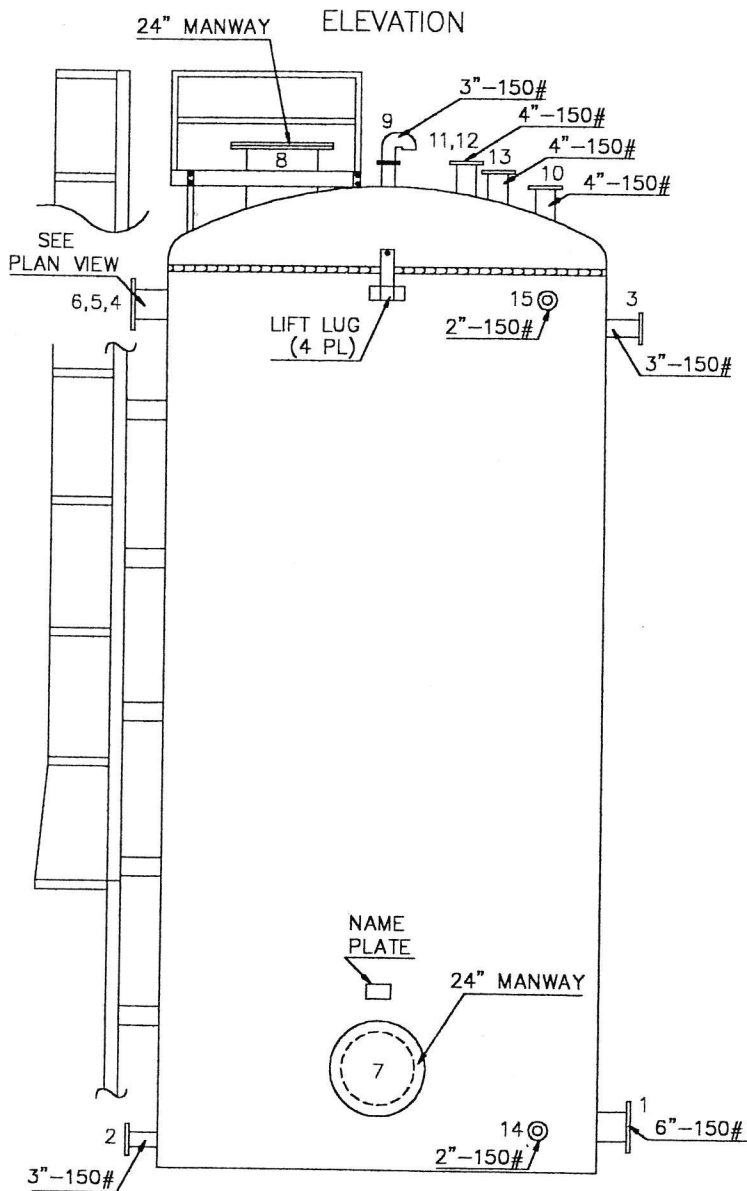






## Attachment 2

# VESSEL NO. VS-28008 DECANT TANK



NOTE: TRUE ORIENTATION IN PLAN VIEW ONLY.

KEY:

GREEN- NOZZLE REFERENCE NUMBERS.



ROHRBACK COSASCO SYSTEMS, INC.  
11841 EAST SMITH AVENUE  
SANTA FE SPRINGS, CA. 90670  
(562) 949-0123



VULCAN CHEMICALS  
WICHITA, KS.  
VESSEL NO. VS-28008  
DECANT TANK

DATE

10-13-98

JOB NO.

RCS-2986

DRAWING NUMBER

1



NOTES

1. TANK TO BE BUILT PER ASTM D3299, ASTM D4097, AND PS15-69 AS APPLICABLE.
2. RESIN, CORROSION LINER: DERAKANE 411-C-45
3. RESIN, STRUCTURAL OVERWRAP: DERAKANE 411-C-45
4. SURFACING VEIL: SINGLE PLY 10 MIL NEXUS
5. NOMINAL CAPACITY: 21,000 GALLONS
6. DESIGN PRESSURE: STATIC HEAD +10" W.C.  
DESIGN TEMPERATURE: 180°F  
OPERATING PRESSURE: STATIC HEAD +10" W.C.  
OPERATING TEMPERATURE: 140°F  
DESIGN SPECIFIC GRAVITY: 1.4  
DESIGN WIND LOAD: 120 MPH  
DESIGN SEISMIC ZONE: I  
CONTENTS: CaCl<sub>2</sub>
7. TANK WEIGHT, EMPTY: 5,400 POUNDS  
TANK WEIGHT, FULL: 250,000 POUNDS
8. PROPER VENTING OF THE VESSEL TO BE THE RESPONSIBILITY OF THE CUSTOMER. VENTS SHALL BE SIZED AS REQUIRED TO PREVENT ANY OCCURANCE OF PRESSURE OR VACUUM BEYOND THE DESIGN PARAMETERS OF THE VESSEL AS STATED ABOVE.
9. ALL NOZZLES UP TO 8" DIAMETER TO BE PLATE GUSSETED. MANWAY SHALL NOT BE GUSSETED. MANWAY TO BE SUPPLIED WITH GASKET, BOLTING, AND COVER.
10. ALL ELEVATIONS TO BE MEASURED FROM REFERENCE LINE.
11. ALL FLANGED NOZZLES TO BE MINIMUM 25 PSI WITH A MINIMUM 3/4" THICK FLANGE. ALL NOZZLE BOLT HOLES TO STRADDLE TANK'S MAJOR CENTERLINE.
12. TRUE ORIENTATION IN PLAN VIEW ONLY.
13. UNLESS OTHERWISE SPECIFIED, ALL FLANGED NOZZLE TO BE FLUSH INTERNAL WITH PROJECTION FROM "ID" TO BE: 8" FOR 8" AND SMALLER NOZZLES; 10" FOR 10" AND LARGER NOZZLES.
14. TANK'S EXTERIOR TO RECEIVE A LIGHT SANDSTONE GELCOAT AFTER FABRICATION IS COMPLETE.
15. ALL INTERNAL HEAD/SPLICE JOINTS TO BE OVERLAID WITH FOUR MAT/ONE VEIL OVERLAY.
16. ALL NOZZLES TO BE COVERED WITH PLYWOOD DURING TRANSIT.
17. TANK TO BE HYDROSTATICALLY TESTED FOR A PERIOD OF TWENTY-FOUR (24) HOURS AFTER FABRICATION IS COMPLETE.

APPLICABLE REFERENCE DRAWINGS

DWG NO.	DESCRIPTION	DWG NO.	DESCRIPTION
REF004	CONTACT MOLDED FLG NOZZLE	REF030	GALVANIZED STEEL LIFT LUG
REF006	NOZZLE GUSSET DETAIL	REF084	NOZZLE INSTALLATION DETAIL
REF010	STAINLESS STEEL NAMEPLATE	REF085	NOZZLE INSTALLATION DETAIL
REF012	STD SIDE ENTRY MANWAY	REF132	FRP TIEDOWN LUG

MODEL NO VT1225 DT-FB

DECANT STORAGE TANK

TAG NO: VS-28008

TETRA TECHNOLOGIES, INC.

VULCAN CHEMICALS

WICHITA, KANSAS

CUSTOMER PO. # 5414-15169

DFFI WORK ORDER # 11917

TANK SERIAL #

TANK COMPLETION DATE:

CUSTOMER DRAWING

APPROVAL:

BY:

DATE:

REMARKS:

REVISIONS

CUSTOMER APPROVAL.

CERTIFIED FOR CONSTRUCTION

BY

DATE

APR 27 1992



Diamond  
Fiberglass Fabricators Inc.

Aloe Industrial Park PO. Box 106 Victoria, Texas 77902  
(512) 572-4040

DRAWN BY: F. OERTWIG

DRAWING NO.

REV.

APPROVED BY:

SCALE: 1/2" = 1' DATE: 4-7-92

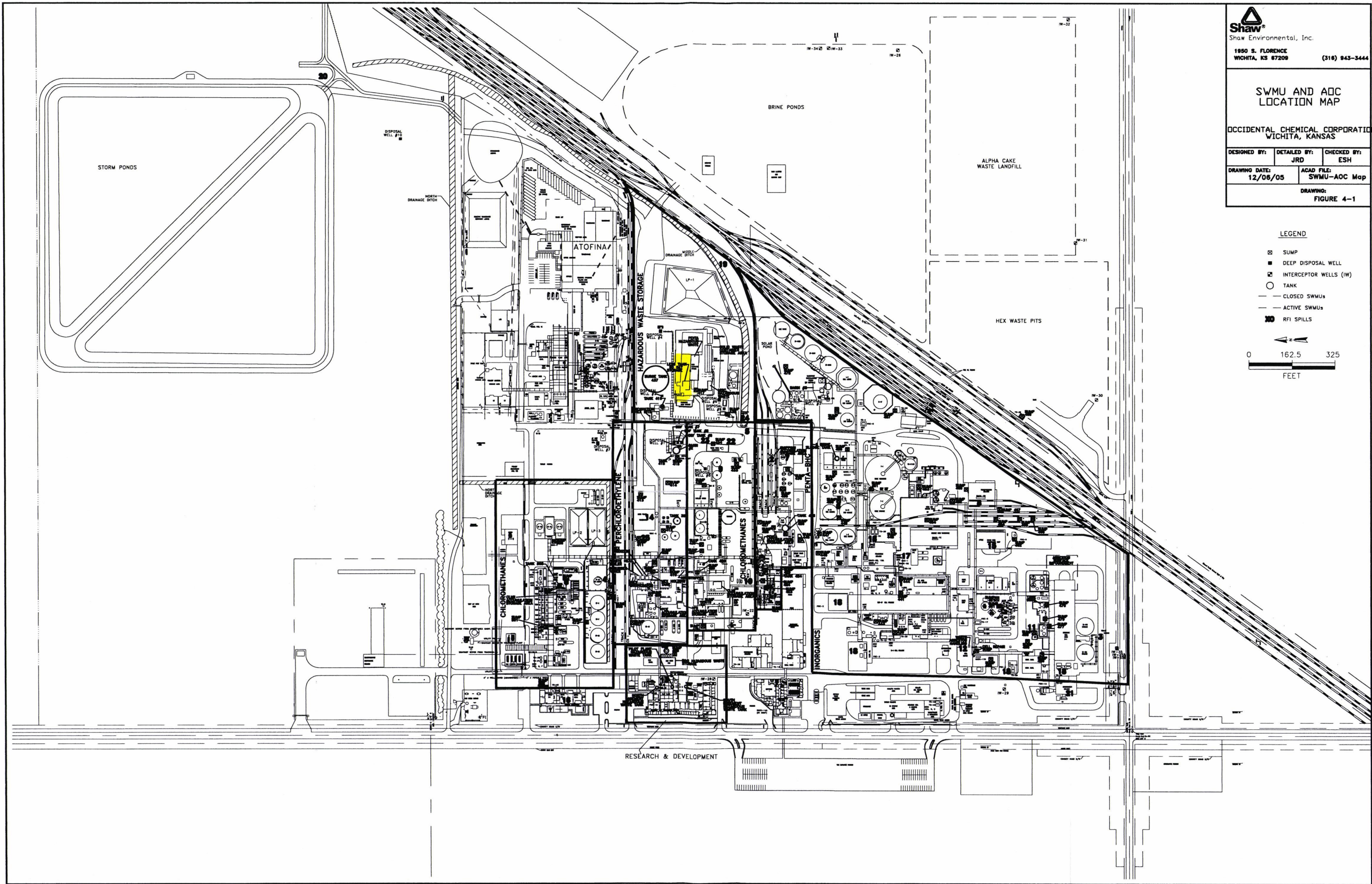
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FD 33-1017



## Attachment 3



**Shaw**  
Shaw Environmental, Inc.  
1850 S. FLORENCE  
WICHITA, KS 67209 (316) 943-3444

**SWMU AND AOC  
LOCATION MAP**

**OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

DESIGNED BY:	DETAILED BY:	CHECKED BY:
	JRD	ESH

DRAWING DATE:	ACAD FILE:
12/08/05	SWMU-AOC Map

DRAWING:  
FIGURE 4-1

**LEGEND**

- ☒ SUMP
- DEEP DISPOSAL WELL
- ☒ INTERCEPTOR WELLS (IW)
- TANK
- CLOSED SWMUs
- ACTIVE SWMUs
- ☒ RFI SPILLS

0 162.5 325  
FEET